



PINE TOP

New England's Great

R.O.P. BREEDING FARM

A 200 ACRE WORKSHOP

devoted exclusively to Poultry Breeding

BELOW: An airplane view of Pine Top Farm at Tamworth, New Hampshire.



As I write this we have just finished housing our pullets here at Pine Top farm. There is already more than a touch of autumn in the air. Winter comes early in New Hampshire and stays late. Temperatures often range as low as 40 degrees below zero. It is rightly called the "Granite State." The climate is as rugged as the soil is rocky. Yet it is this same combination of vigorous climate and mountainous country that has given New England-bred poultry its reputation for hardihood and vigor.

Add to these natural advantages all the modern facilities of our two great farms and we have a combination we believe to be ideal for poultry breeding at its best. Our farms at Tamworth and Chocorua are both located in the heart of the White Mountain country. Both are devoted exclusively to R.O.P. and pedigree breeding. The photos on the opposite page will give you some idea of the extent of our operations. It is this large scale program that enables us to supply more and more customers each year with R.O.P. bred chicks at reasonable farmer prices. Originally we sold largely to breeders and hatcherymen who wanted to improve their stock. Today we can offer this same quality at prices everyone can afford. Now you can buy direct from the breeder and share first hand in the work we are doing.

W. C. Goodson

The majority of the photos in this book were taken on our own farm by Mr. F. G. Cleveland of Tamworth, N. H.



1. One of our 50 pedigree pens. These, together with the three pens we have at the Vineland Old Hen Test, will give us this year more than 850 breeders in individual matings. We know of no other New England farm carrying on so extensive a program of individually mated breeders.



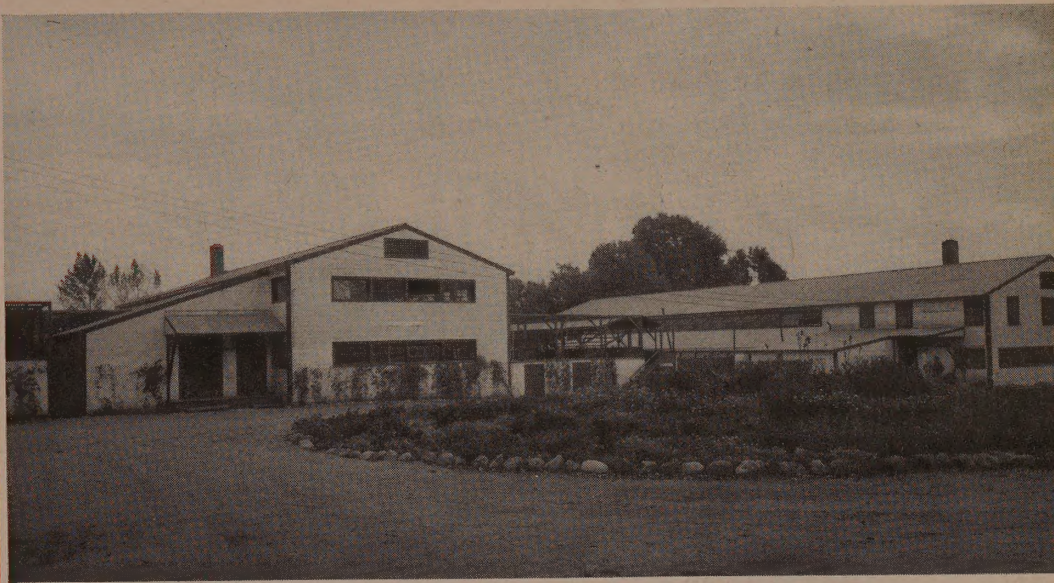
2. Entrance to our breeding farm at Chocorua, N. H. It is located just two miles from our farm at Tamworth. Like our Tamworth farm it is devoted exclusively to R.O.P. and pedigree breeding.



3. One of our modern laying houses at Chocorua. All breeders are under official R.O.P. trapnest. Between the two farms we have a total of 50 pedigree pens.



4. A Pine Top flock on range. Excellent drainage, plenty of shade, and invigorating "mountain top" breezes make range conditions ideal. We don't pamper our flocks—our aim is to intensify their vigor and ability to "take it" under all conditions. An important reason why our chicks thrive in every part of the country.





PINE TOP'S

Basic 5

BREEDING PROGRAM

MEANS *Lower* **PRODUCTION COSTS**
Higher **PROFITS FOR YOU**

Good prices for eggs and meat have a definite bearing on poultry profits. However, many raisers concern themselves only with market prices and overlook the equally important factor of production cost. Your profit is the difference between the cost of producing a dozen eggs and the price you receive. The factors that determine market prices are largely beyond the control of the individual producer. The factors that determine the production cost are almost entirely within his control. Business minded poultrymen concentrate on lowering production costs to assure themselves a good profit—*no matter what the price of eggs.*

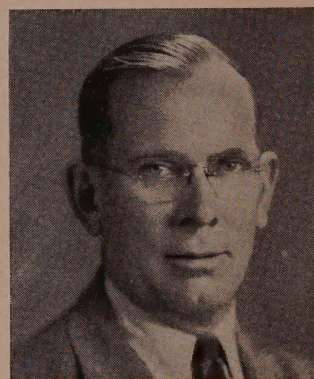
The first step in lowering costs is starting with the right kind of chicks. Poor chicks cost you money from the time you put them into your brooder house and for as long as you continue to feed them. Birds that have a high mortality as baby chicks, fail to develop properly, have a lowered resistance to disease and, if they survive until laying time, turn in poor production records, are the costliest investment you can make. They cost you money every step of the way.

LOWERING THE COST OF LAYERS HOUSED

If you start with 500 pullet chicks and house 300 of them your "cost per bird housed" is obviously much too high. Yet every chick you lose, every bird that dies on range, every pullet that is culled out makes the cost of the birds you do house that much higher. You can readily see the importance of starting with chicks of high livability — chicks that will develop into robust birds able to resist disease. It isn't the cost of the baby chick — it's the cost per chick you raise that counts.

LOWERING THE COST OF EGGS PRODUCED

A hen laying 200 eggs per year is producing them for almost half the cost of the hen laying only 100. She eats very little more feed, requires no more care yet turns in a profit not twice as much but **THREE to FOUR TIMES AS MUCH** depending on feed costs and egg prices. Can you afford any but the finest chicks?



Dr. C. L. MARTIN

Dr. Martin was formerly with the University of New Hampshire and is widely known for his work in poultry diseases. No matter how elaborate a breeding program is followed, health comes first. Lack of that requisite nullifies every other advantage. A close watch is kept on the health of our breeders. Families are studied and any family showing any weakness from a health standpoint is thrown out. In this way we keep only healthy, vigorous birds in our breeding flocks.

LIVABILITY AND HEALTH

1

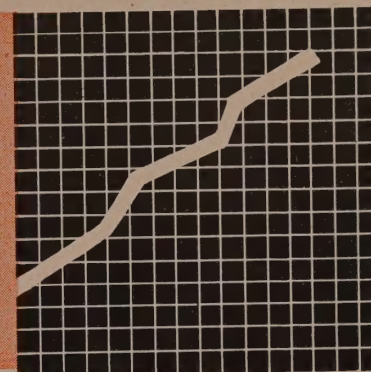
That's the cornerstone of our program. All the other good qualities of our chicks would be worthless unless your chicks lived. As we have pointed out, livability is the first factor in lowering your production costs. In our progeny test work we keep records on entire families. At the end of the year we know how many daughters have lived. Families showing high mortality are discarded. We use many proven old hens and cock birds. Livability is an inherent characteristic of Pine Top Chicks.



HIGH EGG PRODUCTION

2

Our R.O.P. and pedigree males have generations of high production breeding behind them. Hundreds of their sisters are trapnested each year. We use high production families rather than individuals — this means high egg production from the entire flock. In our progeny test work we also stress egg size. At the end of the year we know the time of coming into production, the average weight of eggs laid and how long it took before large egg size was attained. Only breeders with known records of large egg size are used.



RAPID FEATHERING

3

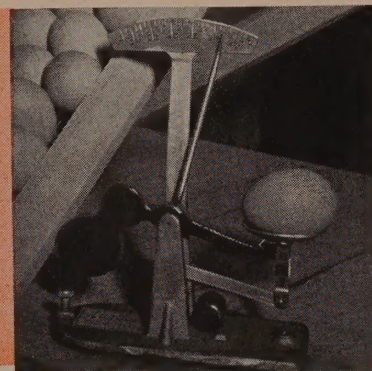
Naturally you want chicks that will develop well, and feather rapidly. We take unusual care to make sure that you get them. Every chick on our home farms is handled at six to eight weeks. If it is not fully feathered at that age it is culled. We don't want it no matter what its pedigree. This rapid feathering has made Pine Top chicks prime favorites with broiler growers.



HATCHABILITY

4

Many of our customers sell hatching eggs and are interested in hatchability. We keep exhaustive hatchability records on our breeders. We figure hatchability on the basis of all eggs set. Unless a family comes from high hatching parents we do not use it in breeding. The records of males used to head our matings will average better than 85 percent hatchability of all eggs set.



PRIME MEAT TYPE

5

Whether you raise broilers exclusively or sell off cockerels at housing time you want best market prices. In our breeding work when young birds are handled for feathering they are also examined for meat type. Every chick eliminated for poor meat type is recorded in the progeny test record. If many are found the parents are also eliminated as breeders. You can depend on your Pine Top Chicks developing into "top" market birds.



THE

A complete day by day record is kept for each breeder. A typical breeder is B726. This bird has been an R.O.M. (Register of Merit) breeder for three years in succession, and each year she has been mated with a different cockerel. Her ability to produce R.O.P. daughters even though mated with different cockerels shows her prepotency for production. Here is the record of her R.O.P. daughters. The first year her daughters averaged to lay 222 eggs, the second year they averaged 225 eggs, and the third year they averaged 247 eggs, or an average over three successive years of 231 eggs. This is proven breeding at its best, and in addition to high production in the daughters it clearly illustrates longevity in the parent.



OFFICIAL U. S. NEW HAMPSHIRE

Pine Top's Breeding Work Keeps Pace with Chicks Produced

It's very possible to spread breeding work too thin. One of the cardinal principles of our operation is that we shall always limit the number of chicks we produce in keeping with the extent of our breeding work. With us breeding work comes first and determines the volume of chicks we hatch. We have constantly expanded our breeding program and we are happy to have an increasingly greater number of chicks available for you. Photo shows unique arrangement of our "pedigree alley." All work is done from the rear of the pens. Photo at right shows a flock of Leghorns on range.



STANDARD OF BREEDING EXCELLENCE

Probably no breeding development has done so much toward improving the production quality of American poultry as R.O.P. work. R.O.P. means Record of Performance. It is an international organization that functions through the State Universities. A bird qualifies for R.O.P. after she has laid a minimum of 200 eggs in 365 consecutive days averaging a minimum of 24 oz. to the dozen. She must be of standard weight and have no disqualifications. Individually mated, double pedigreed sons of R.O.P. dams and sires are R.O.P. cockerels. These R.O.P. cockerels are used to head our breeding flocks, and chicks from these flocks are "R.O.P. Sired."

R.O.P. breeders have done for poultry what the purebred hog and cattle breeders have done for the livestock industry. Pine Top is proud to have been identified with R.O.P. work for so long a time. We are even prouder of our program to bring the advantages of R.O.P. work to a greater number of poultry raisers. The benefits of R.O.P. were formerly limited to a few because of the high cost of this stock. Breeders and hatcherymen were the chief buyers. Today, because of the large scale on which we operate we have been able to spread the high cost of R.O.P. trapnesting over a large volume of chicks with the result that the difference is now only a few cents more than you would pay for chicks that do not have this breeding behind them.

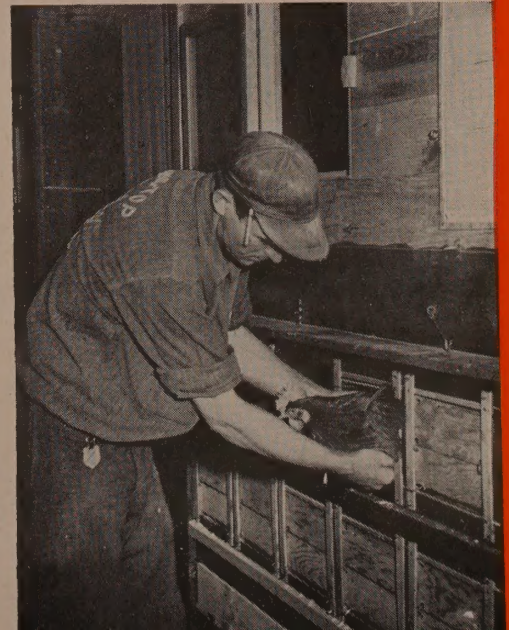
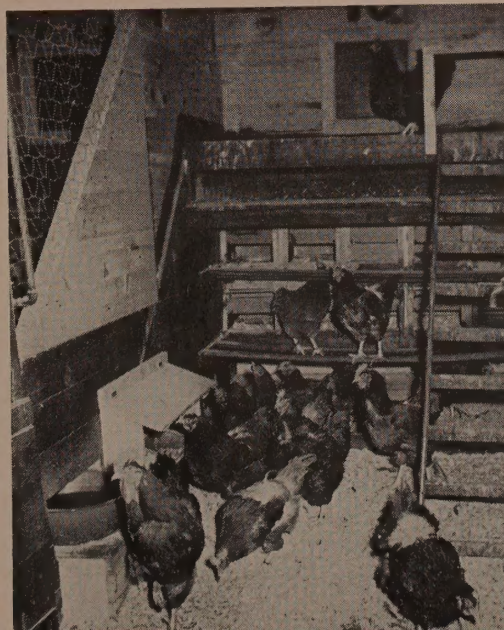
Pine Top is one of New England's leading R.O.P. breeders and when you buy Pine Top chicks you are buying "direct from the breeder" and derive first hand benefit of the work we are doing.

R.O.P. TRAPNEST PEDIGREE BREEDING

R.O.P. work is under supervision of the State University. Frequent unannounced visits are made by the State Inspector and on these visits all birds are trapped by him and all eggs are weighed.

One of our pedigree pens. We have a total of 50 pedigree pens. Over 850 birds are in individual matings.

All R.O.P. birds are under trapnest. Fred Bozell removing one of our breeders — R.O.P. hen No. 2357 has twice passed R.O.M. requirements, laying 263 eggs her first year and 1003 eggs in seven years.





PINE TOP'S PROGENY TEST

In any discussion of the PROGENY TEST, there are two methods which may be used. One is a more or less technical method in which the breeder talks about dominant and recessive characteristics, genes, chromosomes and so on. The other is a method which the average poultryman can understand and appreciate. We are going to skip the genetic terms and tell you in the poultryman's language just what is meant by the PROGENY TEST.

WHAT IS IT?

The PROGENY TEST is simply the getting together and study of records made by sons and daughters of any given mating. It is the judging and selection of breeding birds using as a guide actual records of their sons and daughters. It is a method of breeding based on fact. It is a breeder saying to himself, "I will retain this bird in my breeding flock because her daughters average to lay more than 200 eggs each, because they have lived well, because they have produced consistently large eggs, and because they have made me some money. I will eliminate this bird and her entire family because her record is spotty, her daughters' average production is low, they have not lived well, and they have not made me a cent." You might say the PROGENY TEST is a series of records which add up to a profit, or a loss.

HOW DOES IT WORK?

The operation of the progeny test is a system of gathering together complete and accurate details. The breeder decides what it is he wishes to breed for, and then goes about gathering information which will aid him in his work. At PINE TOP our breeding work falls into two groups. In the first group we place PRODUCTION, LIVABILITY and HATCHABILITY. These three things are vital, for no two of them are of much value without the third. In the second group we place the other things. To list just a few of them we stress LARGE EGG SIZE, NON-BROODINESS, ABSENCE OF WINTER PAUSE, MEAT TYPE, FEATHERING, and many others. Having established our breeding aims, we then go about finding

out which of our birds show these desirable characteristics most strongly. To do this we use the trap nest. We trap ENTIRE FAMILIES, we judge a breeder on performance of ENTIRE FAMILIES, and at the end of our laying year we keep or discard ENTIRE FAMILIES. You will find below examples of the type of families we retain in our breeding flocks. A study of these records will show you in a moment the results achieved from the use of a complete progeny test.

HOW DOES IT HELP YOU?

The PROGENY TEST helps you because it gives you better birds, it gives you birds backed by a complete breeding method, a method designed for one purpose only and that is to MAKE YOU MORE MONEY. Every single improvement we make is passed on to our flocks by the use of R.O.P. males, and every weak point we discover is eliminated as rapidly as it becomes evident by the simple method of eliminating that entire family from our flocks. We have not limited ourselves numerically in our efforts to bring you the best birds we know how to breed. We have expanded our breeding work this year so as to have more birds to work with, a better choice of those breeders finally selected to breed your chicks. We will have in individually pedigreed matings this year over 850 breeders selected on a basis of the PROGENY TEST. To give you a better idea of just what this means we placed our order early in the year for 50,000 wing bands. We carry on a large and thorough breeding program because we want to have enough birds to enable us to make the kind of selection which will bring our customers more money per dollar invested.

DAUGHTERS

R. O. M. NEW HAMPSHIRE DAM No. D-4

(200 eggs averaging 26.6 oz.)

Leg Band No.	Production	Egg Size	Body Weight
F-505	235	25.7	5.1
F-506	201	28.2	8.2
F-507	221	29.3	6.5
F-508	241	29.2	6.6
F-509	223	26.9	6.6
F-510	200	24.8	6.2
F-511	233	27.8	6.2
F-512	220	27.6	6.2
Average	221.75	27.43	6.45

R. O. M. NEW HAMPSHIRE DAM No. D-826

(226 eggs averaging 26.6 oz.)

Leg Band No.	Production	Egg Size	Body Weight
F-1033	238	26.3	5.4
F-1034	201	28.0	7.0
F-1035	222	29.0	6.0
F-1036	193	24.2	5.0
F-1037	244	29.6	6.2
F-1038	219	28.2	6.8
F-1040	266	27.1	5.5
F-1041	258	26.5	5.0
F-1042	214	24.4	5.4
F-1044	253	28.0	6.8
F-1045	240	27.2	6.0
F-1046	232	27.0	6.1
Average	231.66	27.1	6.1

R. O. M. LEGHORN DAM No. Z-645

(254 eggs averaging 25.8 oz.)

Leg Band No.	Production	Egg Size	Body Weight
X-213	286	24.0	5.0
X-214	250	24.8	5.1
X-215	268	25.8	5.0
X-217	297	25.8	5.0
X-218	216	27.0	5.0
X-219	232	27.0	4.9
X-220	287	28.0	4.7
X-221	252	26.1	4.6
X-222	210	28.5	5.4
X-223	241	22.1	5.6
Average	253.9	26.4	5.0

R.O.M. an Advanced Breeding Step

R.O.M. means Register of Merit — it is one step in advance of R.O.P. In this stage the National Improvement Plan recognizes the value of the Progeny Test. A bird is entitled to be classified as an R.O.M. breeder when his or her progeny have proved their value. A female, for example, is R.O.M. only when one-third of her daughters, with a minimum of four, have passed the Record of Performance (R.O.P.) requirements of 200 eggs or more in a year. A male is known as R.O.M. when one-third of his daughters, with a minimum of 20, have passed the R.O.P. requirements. At PINE TOP we have many R.O.M. breeders. These birds are officially listed by the United States Department of Agriculture. Naturally they are the best breeders we have, for they have proved themselves as a result of the progeny test. Their sons and daughters are in the foundation flocks of PINE TOP producing chicks for our customers. These R.O.M. birds are breeders which themselves have laid 200 eggs or more and whose daughters have proved that they can lay 200 eggs or more. The chart below taken from our records of PINE TOP breeders illustrates how this system operates.

R.O.M. DAM No. 2236
240 eggs averaging 27.5 oz.

(Daughters qualifying for R.O.P. averaged
249 eggs)

R.O.M. A-10, DAUGHTER OF No. 2236
224 eggs averaging 27.24 oz.

(Daughters qualifying for R.O.P. averaged
219 eggs)

R.O.M. B-19, DAUGHTER OF A-10
231 eggs averaging 25.8 oz.

(Daughters qualifying for R.O.P.
averaged 219 eggs)

R.O.M. D-4, DAUGHTER OF B-19
200 eggs averaging 29.4 oz.

(Daughters qualifying for R.O.P.
averaged 221 eggs)

R.O.M. B-28, DAUGHTER OF A-10
224 eggs averaging 25.6 oz.

(Daughters qualifying for R.O.P.
averaged 228 eggs)

R.O.M. D-254, DAUGHTER OF B-28
214 eggs averaging 24.9 oz.

(Daughters qualifying for R.O.P.
averaged 220 eggs)

R. O. M. LEGHORN DAM No. Z-245

(245 eggs averaging 26.3 oz.)

Leg Band No.	Production	Egg Size	Body Weight
X-152	258	27.6	5.2
X-153	241	27.2	5.1
X-154	228	26.8	4.7
X-155	252	26.3	4.5
X-156	210	26.0	4.8
X-157	191	26.8	5.0
X-158	235	26.4	5.1
X-159	234	25.0	5.2
X-161	265	27.5	4.6
X-163	180	25.6	4.1
X-164	249	25.7	4.2
X-165	235	28.3	4.6
Average	231.5	26.6	4.75

R. O. M. BARRED ROCK DAM No. T-476

(260 eggs averaging 25.8 oz.)

Leg Band No.	Production	Egg Size	Body Weight
V-199	237	26.5	7.1
V-200	250	26.7	6.5
V-201	261	26.8	6.0
V-202	275	24.0	5.5
V-204	214	25.0	5.8
V-205	234	26.0	5.6
V-206	305	25.8	6.7
V-207	240	25.7	5.5
V-208	266	26.5	6.0
V-209	207	25.0	5.3
Average	239	25.8	6.0

R. O. M. WHITE ROCK DAM No. M-177

(222 eggs averaging 26.4 oz.)

Leg Band No.	Production	Egg Size	Body Weight
O-48	205	27.0	7.0
O-49	253	27.7	6.5
O-51	234	28.0	6.4
O-52	266	25.8	6.0
O-53	212	28.0	6.3
Average	234	27.3	6.4

DAUGHTERS

Pleased with the Growth and Development of PINE TOP U. S. APPROVED ..

Mr. C. Roland Quimby, New Hampshire, is a practical poultryman who has been raising chickens for 16 years. He houses between 3000 and 3500 birds each year. Mr. Quimby writes us:

"I am glad of this opportunity to express my appreciation of Pine Top's genuine efforts to give us high grade, well-bred chicks. I am well pleased with their growth and development. My losses on range have been unusually light and I expect to carry over 3200 pullets this winter as breeders."

Mr. Quimby's experience is typical of hundreds of our customers, who raise Pine Top New Hampshires. For many years we devoted our efforts exclusively to New Hampshires and we feel our strain is second to none in those profit-making qualities that have made this breed famous. Pine Top New Hampshires represent New England breeding at its best. No wonder they are "tops" with business-minded poultry raisers like Mr. Quimby who look to poultry as their principal cash income. Folks like these must be sure of the strain they buy. They have too much invested to take chances. No matter what the size of your flock you'll find that Pine Top's R.O.P. bred New Hampshires can be depended upon for steady profits.

Mr. C. Roland Quimby



Pine Top New Hampshires on range.

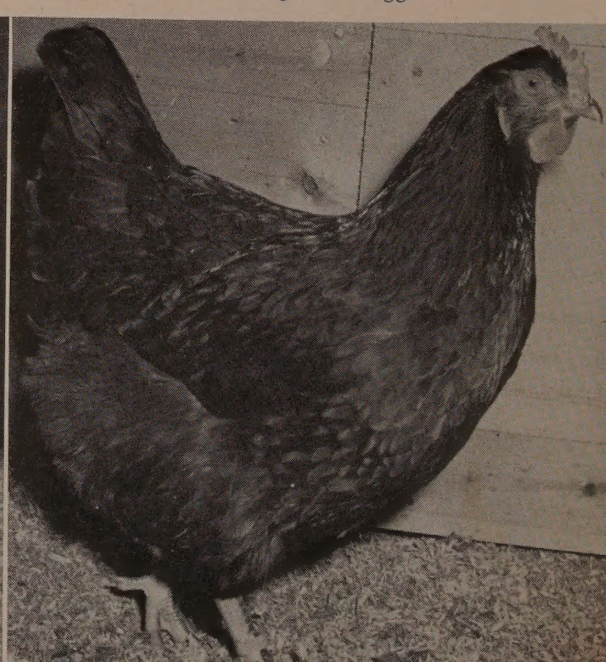
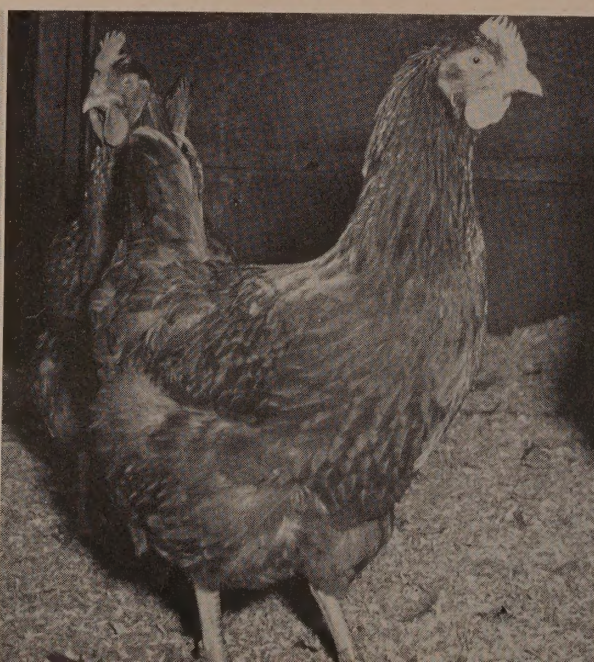
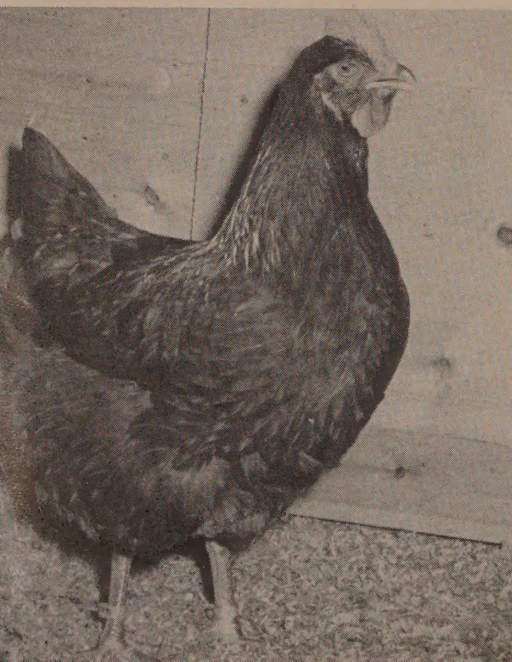
200 TO 334 EGG BLOODLINES

Compare our New Hampshires any way you like — as egg producers or as meat birds they "stand up." Their vigorous health and rugged constitution will carry them through the dangerous brooding stage. On range they forage well, develop quickly. As market birds they reach broiler age well meated and nicely formed. As pullets they are ready for the laying house sooner than you'd expect. Their laying ability is not a matter of guesswork. The years of R.O.P. and progeny test work behind them assure you of a flock that will lay consistently. Their laying year is longer and the average egg size will mean extra dollars in profit to you.

D206 is an R.O.M. breeder laying 293 eggs averaging 26.8 oz. She is the daughter of B298, also R.O.M., and the granddaughter of R269, likewise R.O.M. The R.O.P. daughters of D206 average 224 eggs.

This is hen C35, an R.O.M. breeder. She laid 291 eggs averaging 24.81 oz. Her seven sisters averaged 219 eggs. Her nine R.O.P. daughters averaged 237 eggs. Her hatchability is 93% of all eggs set.

Here is D263, a good example of what we mean by a progeny tested breeder. She laid 271 eggs weighing 24.8; hatchability, 95% of all eggs set; R.O.P. sisters averaged 232 eggs; R.O.P. daughters averaged 221 eggs.



NEW HAMPSHIRE



EXTRA VIGOR

You have only to see a flock of our New Hampshires to convince yourself of their hardihood and ruggedness. They are bright, active and full of vitality, with broad, blocky bodies, deep and well sprung at the ribs. They are what we call "typey" birds. We use a lot of records in the selection of PINE TOP birds, but regardless of the records the bird itself must pass a final rigid inspection, and must meet the standards of excellence for the breed.

HIGH EGG PRODUCTION

Persistency of laying, intensity of laying and absence of winter pause . . . those are three points we watch for in our breeding work. We use breeders that show a long laying year and many go on laying even after a full year of laying.

NON-BROODY

We constantly maintain our efforts to breed out any tendency toward broodiness. In our foundation flocks no males are used if any broodiness has shown up in the family. Progeny test breeding shows this up at once, and helps us eliminate this undesirable feature.

UNIFORM FEATHERING

"Bare-backs" and slow feathering is a thing of the past when you raise Pine Top New Hampshires. Broiler growers are enthusiastic about the rapid, uniform feathering of our birds.

BETTER MARKET TYPE

Broiler growers report Pine Top New Hampshires equal to cross-breds for meat production. The average raiser can market his cockerels sooner and at better weights when he raises our strain.



"Although I have been raising chickens for some time, this is the first year that I have raised them with the idea of selling eggs to a hatchery. I did this as an experiment, but with Pine Top's New Hampshire pullets I really found it quite profitable.

The pullets laid very well all season and their eggs hatched unusually well. My bonus checks for high hatchability were most acceptable. I will try the same experiment next year."

—Mrs. Mary L. Sanborn
Reeds Ferry, N. H.



"I've been raising chickens and keeping from 700 to 1400 laying hens on my farm for 17 years, using your chicks the past three years. I have always been greatly pleased with your service and friendly interest in our success. The mortality is very low, they mature early, and start to lay from 4½ to 5 months with an average production of more than 75%. Hatchability is high, and from every standpoint I find the raising of Pine Top's New Hampshires most profitable."

—Mrs. Perley H. Lang
Bedford, N. H.



"I raise Pine Top New Hampshires because of their extra vigor and high egg production. I have raised New Hampshires for five years and like most New England poultry growers I feel they are the greatest money-makers of any breed. My Pine Top chicks grow fast and feather rapidly and evenly. Egg hatchability was high, as indicated by my monthly bonus checks."

—Charles Thorndike
Meredith, N. H.



Pine Top U.S. Approved WHITE ROCKS

Some sections of the middle west prefer White Rocks two to one over other breeds and this popularity is becoming apparent in all sections where a dual-purpose breed is wanted. We follow the same successful Pine Top breeding formula in our White Rock work that has made our other breeds so outstanding. Our White Rocks are noted for their plump, well-meated bodies and attractive appearance. They have laying ability bred right in them and produce a large size brown egg. Read what our customer, J. H. Cotton of New Hampshire, says below. Then decide right now to place your order for Pine Top White Rocks.

"I MAKE MONEY TWO WAYS FROM MY PINE TOP WHITE ROCKS"

Mr. Cotton has been raising poultry for eight years. It is an important source of extra income for him. He reports an average of 224 eggs with egg size very large. Here's what he says in part: "Meat is an important part of our income in addition to eggs. That's why I like Pine Top White Rocks. Last year we started with a flock of 900. We raised 874 of them. We sold some of the cockerels when they were 8 weeks old. The hens started laying at 4½ months, and laid consistently throughout the year with an average flock production of 80% all winter." — (Signed) J. H. Cotton.



J. H. Cotton

READ WHAT THIS BARRED ROCK CUSTOMER SAYS

"I am well pleased with the chicks and service I received from Pine Top. My January hatched birds were laying at 19½ weeks. The egg size was very good and soon reached medium and large size. My mortality on range was about 1%."

(Signed) Neal C. Ladd, Vermont.

Mr. Ladd has been raising poultry for 17 years and raises about 2000 birds. The experience of a full time poultryman like Mr. Ladd confirms the practical value of our breeding methods.



Neal C. Ladd

Pine Top U.S. Approved BARRED ROCKS

In developing the Pine Top Barred Rock strain we have given equal emphasis to both the egg and meat factors, resulting in increased hardihood, dependability and profitable production. Barred Rocks grow fast, feather early and are evenly barred. All cockerels in our foundation flock at Pine Top are individually pedigreed U. S. R.O.P. males. They lay lots of large brown eggs the year 'round, and as broilers they reach market age quickly. We have bred for large well-developed frame, a characteristic that enables Pine Top Rocks to put on plenty of meat of fine flavor and texture. In order to assure you getting your chicks when you want them we would like to urge you to send us your order today. If you have raised our Barred Rocks before you know what they can do. If you are ordering them for the first time we know you will be as enthusiastic as our other customers regarding their all around profit-making ability.





Mr. William G. Martin

My Pine Top U.S. Approved **WHITE LEGHORNS** are Champion Egg Layers

To folks who are planning a Leghorn flock next season Mr. William G. Martin's experience will be helpful. Mr. Martin has raised poultry for ten years and considers it an important part of his farm program. Just like all Leghorn raisers Mr. Martin is interested in eggs but he has been "at it" long enough to know that egg production isn't enough. You must also have constitutional vigor in the birds to enable them to "stand up" under heavy production. Mr. Martin houses about 400 layers each year. He tells us that Pine Top Leghorns excel other chicks in livability, production and egg size. He also says "My Pine Top flock is not only 'tops' in winter, spring and summer production with an average of 226 eggs per bird but this is not the whole story. I have had less laying house mortality with my Pine Top flock. I feel they stand up better under heavy production and *extreme weather conditions* because of their size and vigor.

TOPS IN EGG PRODUCTION

Naturally egg production is paramount in our breeding efforts on Leghorns. But true to the Pine Top System of taking into account every profit-making characteristic we have not neglected stamina, size and general hardihood. A Leghorn in top production requires the most vigorous of constitutions to maintain her under the strain of egg production. There is no profit in a flock of high producers if laying house mortality reduces its size. Rich in R.O.P. and pedigreed breeding their egg production ability is accompanied by the equally important factors of large egg size, early maturity and long laying life. As one customer tells us they literally grow "by bounds" and are ready for the laying house weeks earlier. Order Pine Top Leghorns this year and compare them with any you've ever raised before. We believe you'll find you produce eggs at less cost — and more profit.



LARGE EGG SIZE

If you want "premium size" eggs you'll get them in Pine Top Leghorns. Egg size is an important factor in our breeding work because we realize its profit importance. The latest summary of our Leghorns received from the Department of Agriculture at Washington shows an average egg size of all Leghorns at 26.2 ounces per dozen. These are official government figures.

Famous for Size, Vitality, Feathering, Egg Production

PINE TOP R. I. REDS

Pine Top R. I. Reds have 200 to 300 egg bloodlines behind them. As layers you'll find them hard to equal. As market birds they are large size and of excellent meat quality. Customer after customer reports satisfaction with their all 'round profit making qualities. Don't fail to place your order early so we can take care of your requirements.

RAY M. NEWELL OF EAST PEPPERELL, MASS., SAYS:



"I like to buy the best. That is why I started with Pine Top Rhode Island Reds. I think it pays to spend a little more for high grade chicks. I realize how important good breeding is and in my case this has proved to be true. I raised 85% of my chicks to maturity and am glad to say that I am 'well pleased with my flock.'"



FASTER GROWTH UNIFORM FEATHERING EARLY MATURITY PRIME MEAT QUALITY

Cross-Bred Chicks are not a side-line with us. We have long recognized the need for a special meat type bird for broilers. The Pine Top Cross is the result of mating a New Hampshire female with a Barred Rock male. This mating of two un-related breeds results in an increase in growth qualities in the first generation.

The success of Pine Top Cross-Breds is the direct result of the work we have done on the pure-breds that are used as breeders. Our New Hampshire females are particularly outstanding in size and body structure. Our Barred Rocks, too, are bred for growth and meat building ability. The good qualities of both are intensified as a result of the cross-mating.

PINE TOP CROSS-BREDS

There was a time when short-sighted poultry raisers felt that any chick that grew would make a good broiler. Years of experience have taught broiler growers differently. Breeding is as important in a market bird as in a layer. Such factors as early and even feathering, prime meat quality and early maturity can well mean the difference between making money and just breaking even in the broiler business.

The wide-spread acceptance and recognition accorded Pine Top Cross-Breds in the great southern growing areas justify all the work we have put into their development.

Pine Top Cross-Breds will work in nicely in your program during the summer and fall when brooders are idle. Keep your equipment working—make extra profit from a brood of broiler chicks.



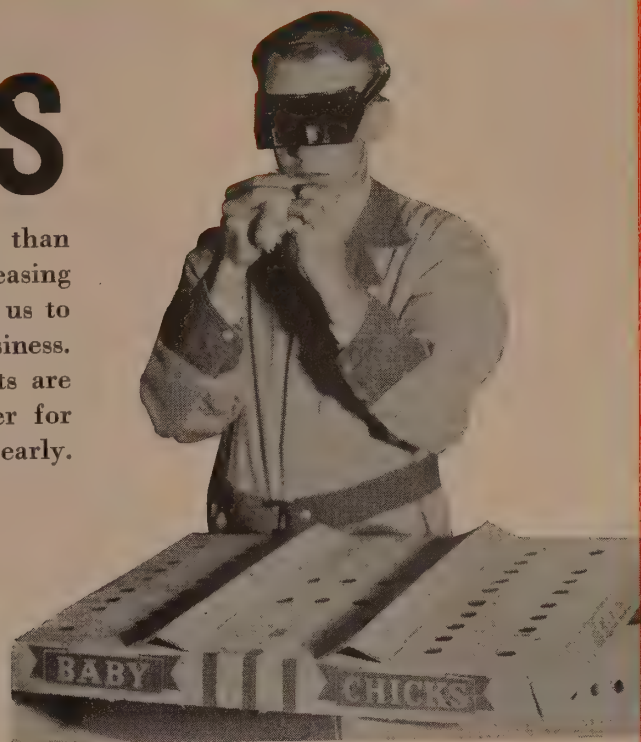
SEXED CHICKS

Pullet chicks are ideal for the egg farmer. They do better than when raised with cockerels and mature quicker. The increasing demand, year after year, for Pine Top sexed chicks has led us to give even greater attention to this important part of our business. As our 95% accuracy guarantee indicates, our sexing experts are highly efficient. We anticipate a greater demand than ever for our sexed chicks this year and urge you to place your order early.

95% ACCURACY

ALL PULLETS OR ALL COCKERELS

Whether you are interested in pullets for eggs or cockerels for broilers you can depend on Pine Top sexing service. Ninety-five percent accuracy guaranteed, all pullets or all cockerels.



PINE TOP BIRDS ARE BIG AND HEAVY

"I have intended writing you for some time to tell you of my success with the chicks I bought from you last Spring.

"The New Hampshires did fine and have laid a good average all Fall and Winter but the Barred Rock pullets have made an *excellent* record and I want you to know how proud I am of them. They all are big birds and average a weight of 7 pounds now. They began laying in September (I did not push them) and I housed them. They increased their production until it reached and kept an average of 77%.

"I culled them in November and had only one cull.

"I just wanted you to know what fine chicks they were and what fine hens they have made."

—Edward M. Allen
Mt. Airy, N. C.

Buy Your Chicks "Direct from the Breeder"

When you send your order to Pine Top you are getting your chicks "direct from the breeder" and you share "first hand" in the great breeding work Pine Top is doing. Breeding work is of first importance at Pine Top. At one time the greater part of our sales was in hatching eggs and mature stock. As the demand for Pine Top Chicks grew we added larger and larger incubation facilities. While increasing our production of chicks we have not lost sight of our original role as a breeding farm. The number of chicks we hatch is in direct relation to the extent of the breeding work we do. Each shipment carries our guarantee that the chicks will live up to the excellent reputation the Pine Top strain has established for itself throughout the country.

SEND US YOUR ORDER TODAY!

It is always good business to place your chick order early. Conditions this year call for careful planning on your part and ours. Here at Pine Top we are operating on a larger scale than ever before. We want to do all we can to ship you your chicks exactly when you want them—but we do ask your cooperation in letting us have your order in plenty of time. Last season many poultry raisers were disappointed at the delay occasioned by their putting it off until the last minute. Sit down right now and send in your order. Then we'll be able to make our plans accordingly and let you have your chicks just when you want them.



**You're never
disappointed
when you order
from Pine Top**

EACH CHICK MUST PASS ITS FINAL EXAMINATION

Notwithstanding all the safeguards we employ in every step of our hatching process every chick is carefully examined before being shipped. This inspection takes place after chicks have been out of the incubators for several hours. It is our experience that more careful grading may be done then than when chicks are immediately hatched. Our big purpose is to make sure that you get vigorous, well developed chicks. No cripples, weaklings or improperly hatched chicks are shipped. Just another instance where a little more time and trouble on our part means a lot more satisfaction for you.

100% LIVE Arrival Guaranteed

Our hatching plants have been located with transportation facilities in mind. We appreciate the importance of getting your chicks to you in the shortest possible time. Don't hesitate to send us your order because of distance from us. We never ship unless we are reasonably sure that your chicks will arrive within the required time. We'd rather send your order back than have our chicks arrive in poor condition. Once we accept your order you may be sure that your chicks will arrive in good shape.

These Customers Know the Value of Pine Top Breeding

GOOD LIVABILITY

"I lost very few chickens. They seemed to be healthy and rugged. I sold my January New Hampshire cockerels at 10½ weeks that averaged a little better than 3 pounds. Next lot of New Hampshires I sold was 4 months old and averaged a little over 5½ pounds. Weighed a few of my July 11 crossbreds on October 12, some 3½—4—4½. They are short legged and meaty. So were the New Hampshires.

"My pullets turned out just as well—all about the same size and laying good-sized eggs. They look good, too.

"Had very few culls in my pullets. I have housed 1400 this Fall. Plan on just as many next year.

"You will receive my order before long for my 1945 chickens."

— G. Albert Jenkins, Gray, Maine.

BEAUTIFUL PULLETS

"We were well pleased with the chicks you shipped us last year and have some beautiful pullets in the laying houses now. We do not hesitate to recommend Pine Top Chicks to anyone looking for quality and a square deal."

— Nelson's Farm, Webster, N. Y.

BELIEVES IN THE BEST

"The production of hatching eggs requires the best baby chicks to produce the best pullets, to produce the best profits. Enclosed find my order for 2500 chicks. New Hampshires pulled me out of a bad depression and I am continuing them for 1945."

— George S. Burgess, N. H.

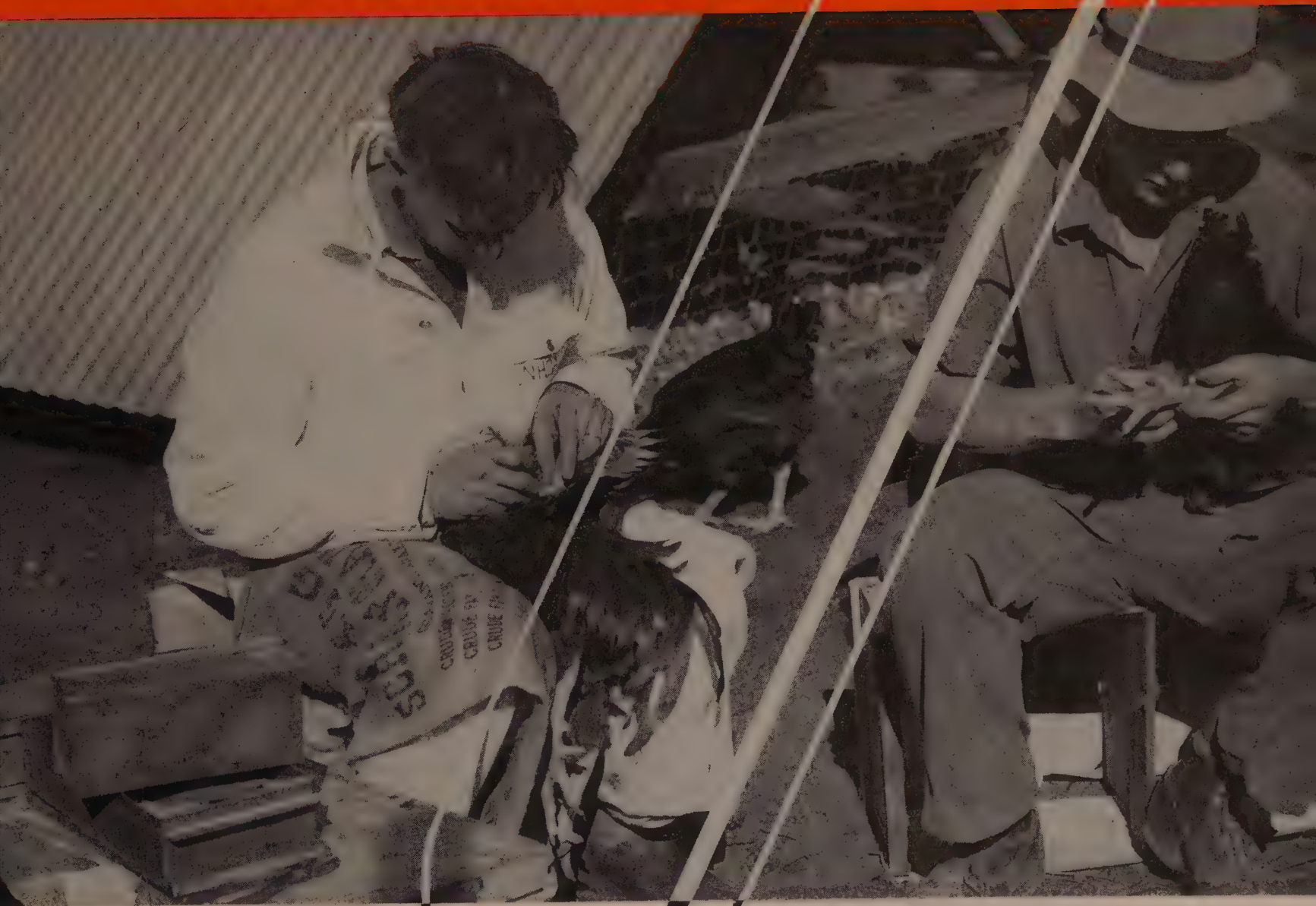
PLEASED WITH PINE TOP WHITE ROCKS

"As you know, I am in the restaurant business specializing in chicken dinners. All of the birds used in the restaurant are raised in my broiler plant and for the past several years, I have been using Barred Crosses from New England. Dressing the birds is one of my big problems. About eight months ago I decided to try some of your White Rocks and have been so thoroughly satisfied that I have bought nothing else since and expect to use them as long as I can get them. The mortality has been very low, growth and feathering very fast. The birds are large with full, plump breasts and are much easier to dress and prepare for the table than any breed we have ever raised before.

"I want you to know that I am thoroughly pleased with your chickens and expect to buy Pine Top White Rocks exclusively from now on."

— Nat Dumonchelle, Swift Creek Farm, Petersburg, Va.

tube tested



health **is of the first importance!**

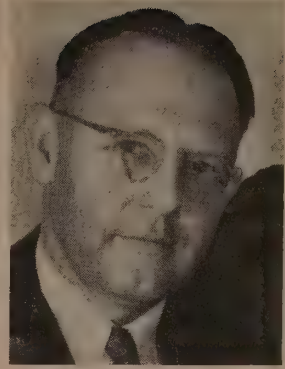
As a part of our health program every breeder is bloodtested. The tube agglutination method is used. A blood sample is taken from the bird, sealed in a special bottle, properly marked and forwarded to the State officials. Here in the State laboratories the blood sample is tested for Pullorum and a report made to us. The photo above shows a bloodtesting crew on the job. The man in the white coat is the official state tester. This method, again, takes more time but it is generally recognized as being more accurate and dependable. Another Pine Top safeguard that means much to our customers.

THE PINE TOP ORGANIZATION

It takes a lot of people to produce Pine Top chicks. Our two great breeding farms require staffs of trained poultrymen with years of experience. Mr. W. C. Goodson is in complete charge of our breeding farms. Mr. Goodson lives at the main breeding farm at Tamworth and supervises every part of our breeding operations. He is assisted by Edward A. Herrick, who has special charge of our farm in Chocorua where the same careful scientific breeding program is carried out. Pine Top is primarily a breeding farm and the breeding work carried on at both locations is the foundation of the success of our strain.



W. C. Goodson



Edward A. Herrick



H. W. Rickey



J. B. Smith

It is our policy to work closely with local poultry raisers in the vicinity of our hatcheries. Mr. H. W. Rickey, who heads our Customer Service Department in Manchester, is well known to poultry raisers in New England, who welcome his help with their problems.

Mr. J. B. Smith, formerly R.O.P. Inspector and Assistant Extension Poultryman of the State of West Virginia, does similar work in the Richmond territory.

MODERN HATCHING PLANT AT MANCHESTER, NEW HAMPSHIRE

As important as our breeding work is, it is matched by the care and attention we give to the hatching of our chicks. Our plant at Manchester, N. H., is in charge of Robert Alluisi. It is streamlined in every detail. His assistant, Mr. Paul Dinneen, and the entire staff take pride in producing "well-hatched" chicks. You are cordially invited to visit our Manchester plant at any time.



Robert Alluisi



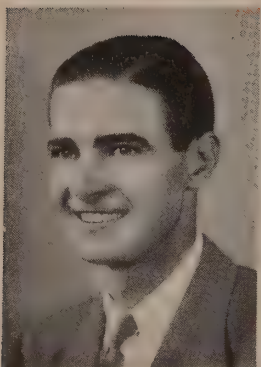
Paul Dinneen

OUR HATCHING PLANT AT RICHMOND, VA. SERVES SOUTHERN CUSTOMERS

Our plant in Richmond, Va., was established to serve the great poultry-growing region of the South. It is in charge of Reid Williams, Jr. Mr. Williams is well acquainted with poultry raising in this section and is genuinely interested in the rapidly expanding poultry activity in the South. He is assisted by Dr. Frank Neborsky. Poultry raisers in the vicinity of Richmond are welcome to call at our plant there.

YOUR CHICK ORDER RECEIVES PERSONAL ATTENTION at PINE TOP

We know how important your chicks are to you. We take every care to give every order the best attention. You can send us your order with complete confidence.



Dr. Frank Neborsky



Reid Williams, Jr.

PINE TOP 1946 BABY CHICK PRICE LIST

PINE TOP "AAA" MATING

Chicks in this mating are from specially selected females mated to sires chosen for outstanding vigor, health and body size. All breeders individually approved by an official operating under the authority of the National Poultry Improvement Plan. Especially recommended for high egg production.

AAA MATING

	STRAIGHT RUN			PULLETS			COCKERELS		
	100	500	1,000	100	500	1,000	100	500	1,000
New Hampshires, Barred and White Rocks, Rhode Island Reds, Cross Breds*..	\$15.90	\$78.00	\$151.50	\$24.90	\$123.00	\$241.50	\$14.30	\$68.80	\$132.50
White Leghorns	15.90	78.00	151.50	26.90	133.00	261.50	7.85	36.65	68.50

"AAAA" R.O.P. Sired Mating

Every chick in this mating is sired by a U.S.R.O.P. cockerel with dam's record of 200 to 300 eggs. Every sire officially legbanded by a State R.O.P. Inspector. To qualify as a U.S.R.O.P. sire the dam must have laid 200 eggs of 24 ounces or more per dozen, be of standard type and body weight for her breed and free from disqualifications. The sire of a R.O.P. cockerel must be an individually pedigreed R.O.P. male.

AAAA MATING

	STRAIGHT RUN			PULLETS			COCKERELS		
	100	500	1,000	100	500	1,000	100	500	1,000
New Hampshires, Barred and White Rocks, Rhode Island Red ...	\$18.90	\$93.00	\$181.50	\$27.90	\$138.00	\$271.50	\$17.90	\$88.00	\$173.00
White Leghorns	18.90	93.00	181.50	30.90	154.50	301.50	16.90	83.00	161.50

"AAAA" Special R.O.P. Sired Mating

An Official U.S.R.O.P. Sired Mating. Each chick sired by a U.S.R.O.P. Male. Sires are from dams with egg production bloodlines as high as 334 eggs. Foundation stock is progeny tested for high production, livability, high hatchability, body weight and length of laying year. These chicks are from the cream of our key breeding flocks. All eggs used in this mating will average at least 26 ounces to the dozen.

AAAA SPECIAL MATING

	STRAIGHT RUN			PULLETS			COCKERELS		
	100	500	1,000	100	500	1,000	100	500	1,000
New Hampshires, Barred and White Rocks, Rhode Island Red ...	\$21.90	\$108.00	\$211.50	\$30.90	\$154.50	\$301.50	\$19.90	★★	★★
White Leghorns	21.50	106.00	207.50	33.40	164.50	318.00	17.60	★★	★★

*Cross Breds—New Hampshire females mated to Barred Rock males—crosses are backed by Famous Pine Top Scientific Breeding Program.

★★ Quantities limited to 100 to each customer.

Add 2c per chick on order under 100.

Chicks from U. S. R. O. P. CANDIDATE MATINGS

For Foundation and Improvement work. Every chick R.O.P. Sired from U.S.R.O.P. Candidate pullets flock mated to U.S.R.O.P. males. These breeders make up our Progeny Test Matings. These families are trapnested for a period of one year.

	Straight Run	Pullets or Cockerels
25.....	\$ 7.00	\$ 12.00
50.....	13.00	23.00
100.....	25.00	45.00
300.....	75.00	135.00
500.....	122.50	222.50

Chicks From Double Pedigreed U.S.R.O.P. Matings

Chicks are from our best R.O.P. males individually mated to R.O.P. old Hens up to 7 years of age, chosen on the basis of progeny test family records going back for generations. Each chick pedigree hatched and individually wing banded. Individual pedigrees furnished with each chick. \$1.00 and up depending upon dam's record

U. S. Approved
All Prices Subject to Change Without Notice.

HATCHING EGGS

From:

	EACH
AAA Matings	\$0.08
AAAA Matings	.09
(Minimum shipment on above AAA Matings and AAAA matings—100 eggs).	
AAAA Special Matings	.11
U.S.R.O.P. Candidate Matings	.13
U.S.R.O.P. Individually Pedigreed Matings	.50

and up depending upon dam's record
(Minimum shipment on above—50 eggs)

SEXED CHICKS—95% Accuracy Guaranteed.

PINE TOP POULTRY FARMS



PINE TOP POULTRY FARMS, INC.

NEW ENGLAND'S GREAT R. O. P. BREEDING FARM

NEW HAMPSHIRE • LEGHORNS • BARRED AND WHITE ROCKS • R. I. REDS

MANCHESTER, N. H.

Dear Friend:

We thank you for your recent inquiry asking for a copy of our catalog. We've had more requests this year than ever before. The fact that so many people are interested enough in R.O.P. Sired chicks to write for our catalog shows very clearly that more and more poultry raisers realize the necessity of buying the best chicks modern poultry science can produce.

In our opinion, that will be increasingly true in the years to come. In order to meet peace-time competition and maintain a high poultry income it will be necessary to cut mortality losses, get full utilization of feed and, in general, cut production costs all along the line. At the same time, the quality of poultry meat and eggs must be improved - today's buyers are quality-minded, determined to eat better and with the money to pay the price. R.O.P. bred chicks not only give you greater health and livability, not only develop into layers producing extra dozens of eggs a year, but, because egg-size and weight are equally important parts of the R.O.P. program, you will get added dividends in premium prices for your poultry products.

Here at Pine Top, we have built our reputation on our R.O.P. Trapnest Pedigree work. This year we have greatly expanded our program and now have the greatest number of R.O.P. breeders in our history. As you read through this catalog note the number of pedigree pens right on our own farm. When you buy from Pine Top, you are buying direct from the breeder, and you share first hand in all the benefits only official R.O.P. breeding can give.

We are glad to send you this catalog, and we honestly feel that it will be of real value to you in planning your chick program for the coming year.

Sincerely,

PINE TOP POULTRY FARMS

P. S. We have more Pine Top chicks than ever this coming year. We hope we will have enough to go around, but, in a spirit of friendliness, we urge you to book your order as far in advance as possible. We want you to know we are anxious to co-operate with you in any way we can.

ORDER BLANK

PINE TOP POULTRY FARMS, INC.

MANCHESTER, N. H.

Please enter my order for the following:

Date _____

Quantity	Breed	Mating	Straight-run, Pullets or Cockerels	Amount	

Approximate date wanted: _____

Second choice of date _____

Second choice of breed _____

Shall we ship Express or Parcel Post _____

Shall we ship C.O.D. for balance _____

Make all checks and drafts payable to Pine Top Poultry Farms, Inc.

Total Amount _____

Less Deposit _____

Amount Due _____

TERMS

On immediate delivery orders and orders for less than 100 chicks, full payment with order. On future delivery orders, \$1.00 per hundred deposit. Balance ten days before shipment or C.O.D. if you prefer. Hatching eggs are sold for cash with order or C.O.D. transportation charges collect. We pay transportation charges on chicks unless shipped C.O.D.

NAME _____

POST OFFICE _____

SHIPPING POINT _____

GUARANTEE

We guarantee the breeding to be exactly as represented and the chicks to be Pulorum (B.W.D.) clean. We further guarantee 100% Live arrival. Any chicks lost in shipment will be replaced. All adjustments made fairly and promptly. Claims must be made within 30 days of shipment. Guarantee limited to no more than the original cash price.

PLEASE DO NOT WRITE IN THIS SPACE

ORDER RECEIVED

FILLED BY

INSPECTED BY

Only 1c per chick deposit books your order—Hatches every week in the year.

OUR HATCHING EQUIPMENT MATCHES OUR BREEDING WORK

We wish you could be on hand when we're taking chicks from the incubators as shown in the photo at right. You can recognize well hatched chicks immediately — they are big husky fellows, bright eyed and lively. You can see their vitality just by looking them over. It takes more than good equipment to get results like this — it takes skilled operators and careful attention to every detail during the incubation period.



Pine Top chicks are incubated with the same care and attention to detail that characterizes our breeding work. Nothing is left undone to make sure of well developed, properly hatched chicks. Our incubators are late model electrics — our incubating rooms are clean and well ventilated. We take unusual precautions to maintain strictest sanitation at all times. Incubators are fumigated after each hatch — hatching trays are washed in steaming hot water to thoroughly disinfect them. Everything is kept “hospital-clean” to guard against any possible contamination. No eggs go into our incubators until they have been carefully graded and weighed. They are inspected for shell texture, size and color. Nothing is overlooked in our efforts to make Pine Top chicks the finest you can buy.

ORDER YOUR CHICKS FROM THESE MATINGS

PINE TOP “AAA” MATING

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U. S. APPROVED • PULLORUM CLEAN

The Pine Top Guarantee

WE GUARANTEE the breeding of our chicks to be exactly as represented. We further guarantee 100% alive arrival. All adjustments made fairly and promptly. All claims must be made within 30 days of shipment and replacement or cash refund is limited to the extent of the original cash price. Pine Top's reputation for fair dealing brings us "repeat" orders year after year.

PINE TOP POULTRY FARMS
MANCHESTER, N. H.

U. S. Approved . . Pullorum Clean Chicks